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Frank C. Turner, Reg. No. 39,863  
Name of applicant, assignee, or Registered Rep.

Frank C. Turner  
Signature

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

David P. Bloomfield, et al.

GROUP ART UNIT

Serial No. 10/783,505

Filed: February 24, 2004

EXAMINER:

For: DIESEL STEAM REFORMING  
WITH CO<sub>2</sub> FIXING

INFORMATION DISCLOSURE STATEMENT

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P. O. Box 1450  
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Sir:

This Information Disclosure Statement is submitted pursuant to 37 CFR §§ 1.56, 1.98 and 1.97, particularly 1.97(b). The documents listed on the attached Form PTO/SB/08 are brought to the Examiner's attention. Copies of these documents are enclosed.

05/13/2004 TBESHAH1 00000062 031620 10783505

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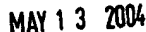
This Information Disclosure Statement is being submitted before the mailing of a First Office Action on the merits and as such is believed to have been timely filed under 37 C.F.R. § 1.97(b) without the payment of fees. If, however, an action has been mailed prior to the mailing date of this Information Disclosure Statement, the Patent Office is authorized to charge our deposit account No. 03-1620 for the fee specified under 37 CFR § 1.17(p). A duplicate copy of this paper is enclosed for this purpose.

Respectfully submitted,

A handwritten signature in cursive script, reading "Frank C. Turner", is written over a horizontal line.

Frank C. Turner  
Attorney for Applicant  
Reg. No. 39,863

May 11, 2004  
Chevron Services Company  
1111 Bagby Street, Suite 4040  
Houston, Texas 77002  
713-752-3084 (voice)  
713-752-7969 (fax)



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Sheet	1	of	2
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**Complete if Known**

<i>Application Number</i>	10/783,505
<i>Filing Date</i>	February 24, 2003
<i>First Named Inventor</i>	David P. Bloomfield, et al.
<i>Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	X-0132

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/783,505
Filing Date	February 24, 2003
First Named Inventor	David P. Bloomfield, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	X-0132

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Alpay et al., "Combined Reaction and Separation in Pressure Swing Processes," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5845-5864	
	CB	Berty et al., "Beat the Equilibrium," <i>Chemtech</i> , October 1990, pp 624-629	
	CC	Carvill et al., "Sorption-Enhanced Reaction Process," <i>AIChE Journal</i> , Oct. 1996, Vol. 42, No. 10, pp 2765-2772	
	CD	Han et al., "Simultaneous Shift Reaction and Carbon Dioxide Separation for the Direct Production of Hydrogen," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5875-5883 (1995)	
	CE	Huften et al., "Sorption-Enhanced Reaction Process for Hydrogen Production," <i>AIChE Journal</i> , Feb. 1999, Vol. 45, No. 2, pp 248-256	
	CF	Kuramoto et al., "Repetitive Carbonation-Calcination Reactions of Ca-Based Sorbents for Efficient CO <sub>2</sub> Sorption at Elevated Temperatures," <i>Ind. Eng. Chem. Res.</i> , 2003, Vol. 42, pp 975-981	
	CG	Lin et al., "Hydrogen Production from Hydrocarbon by Integration of Water-Carbon Reaction and Carbon Dioxide Removal (HyPr-RING Method)," <i>Energy and Fuels</i> , 2001, Vol. 15, pp 339-343	
	CH	Rizeq et al., "Fuel-Flexible Gasification-Combustion Technology for Production of H <sub>2</sub> and Sequestration-Ready CO <sub>2</sub> ," Annual Technical Progress Report 2002, October 2002, DOE Award No. DE-FC26-00FT40974, General Electric and Environmental Research Corporation	
	CI	Silaban et al., "High Temperature Capture of Carbon Dioxide: Characteristics of the Reversible Reaction Between CaO(s) and CO <sub>2</sub> (g)," <i>Chem. Eng. Comm.</i> , 1995, Vol. 137, pp 177-190	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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